From:	Young, Patrick
To:	David Baker; Dr. Shawn Varney Medical Director SA; ESaenz@umcelpaso.org; FosterHowellR@uams.edu; Heidi Bojes; Heidi.Krapfl@state.nm.us; Jaramillo, Jeanie; Jean Cole; Judy.Whitfield@dshs.state.tx.us; Kathleen.Aubin@LA.GOV; Lizette Villarreal, MA – Interim Director; Mason, Steve; McElvany, Rocky; MELODY.GARDNER@phhs.org; MRyan@lsuhsc.edu; Pettigrew, George; Randal-Badillo@ouhsc.edu; SBaeza@umcelpaso.org; Scott-Schaeffer@ouhsc.edu; Sharilyn.stanley@csec.texas.gov; SSeifert@salud.unm.edu; ssmolinske@salud.unm.edu; Suzanne Daigle; Thomas Martin; ykarakawa@mac.com
Cc:	Forrester,Mathias (DSHS); Martin, John; mick.cote@hhs.gov; Funk, Renee (CDC/ONDIEH/NCEH)
Subject:	FW: **SLIDES** Tropical Weather (Harvey) Situation Awareness Webinar/Conference Call, 24 August 2017 at 12:00 PM
Date:	Thursday, August 24, 2017 12:50:00 PM
Attachments:	24 August TDEM Harvey.pdf

This email is primarily for Texas and Louisiana. FYI for non-impacted states.
EPA R6 OSC John Martin asked that I provide some situational awareness for PCC's in Texas and Louisiana. If SPI's receive storm related phone calls associated with environmental hazards to notify EPA so they can follow up. In addition, EPA On-Scene Coordinators are aware of the valuable assets PCC provide and may refer citizens to PCC should the State or EPA receive calls from the public for medical/public health support.
I would recommend PCC establish a code so that storm related calls can be tracked. In addition, since Texas has the 6 centers, maybe Matt with TDSHS can help with compiling a daily situation report on calls received and share with EPA?
Dr. Mark Ryan – will you be the POC for Louisiana?
EPA POC- OSC John Martin – martin.john@epa.gov
CAPT Patrick Young, RS, MS
U.S. Public Health Service
ATSDR R6 Regional Rep
Division of Community Health Investigation
Dallas, Texas
214-665-8562 (o)
214-577-3506 (cell)

From: Taylor, Amyo (OS/ASPR/OEM) [mailto:Amyo.Taylor@hhs.gov]
Sent: Thursday, August 24, 2017 12:14 PM
To: Wes Ireland ; Eddie Pack ; LTC John G Nguyen ; MAJ Andrea Moore ; Supervisory AEM Leroy C Jasper ; Danny Eason ; Brian Crowder ; Mangieri, William (OS/ASPR/OEM) ; Wiggins, Sandra (OS/ASPR/OEM) (CTR) ; RICE, ROBIN L. (CMS/CQISCO) ; Miramontes, David (OS/ASPR/OEM) ; Hastings, Elizabeth (OS/ASPR/OEM) ; Grissom, Amy (ACF) ; mick.cote@hhs.gov; Lightner, Louis (OS/ASPR/OEM) ; Byrd, Mark (OS/ASPR/OEM) ; Taylor, Amyo (OS/ASPR/OEM) ; Young, Patrick ; LTC John Zoll ; Chuck Smith
Subject: Fw: **SLIDES** Tropical Weather (Harvey) Situation Awareness Webinar/Conference Call, 24 August 2017 at 12:00 PM
Slides FYSA

From: State of Texas SOC <soc@dps.texas.gov>
Sent: Thursday, August 24, 2017 11:55:37 AM
Subject: **SLIDES** Tropical Weather (Harvey) Situation Awareness Webinar/Conference Call, 24 August 2017 at 12:00 PM
Find attached the Slides for the Tropical Weather (Harvey) Situation Awareness Webinar/Conference Call, 24 August 2017 at 12:00 PM.

TROPICAL STORM HARVEY BRIEFING

Noon CDT
Thursday, August 24, 2017

Prepared by:
Jennifer McNatt, SR ROC
Derek Giardino, WGRFC

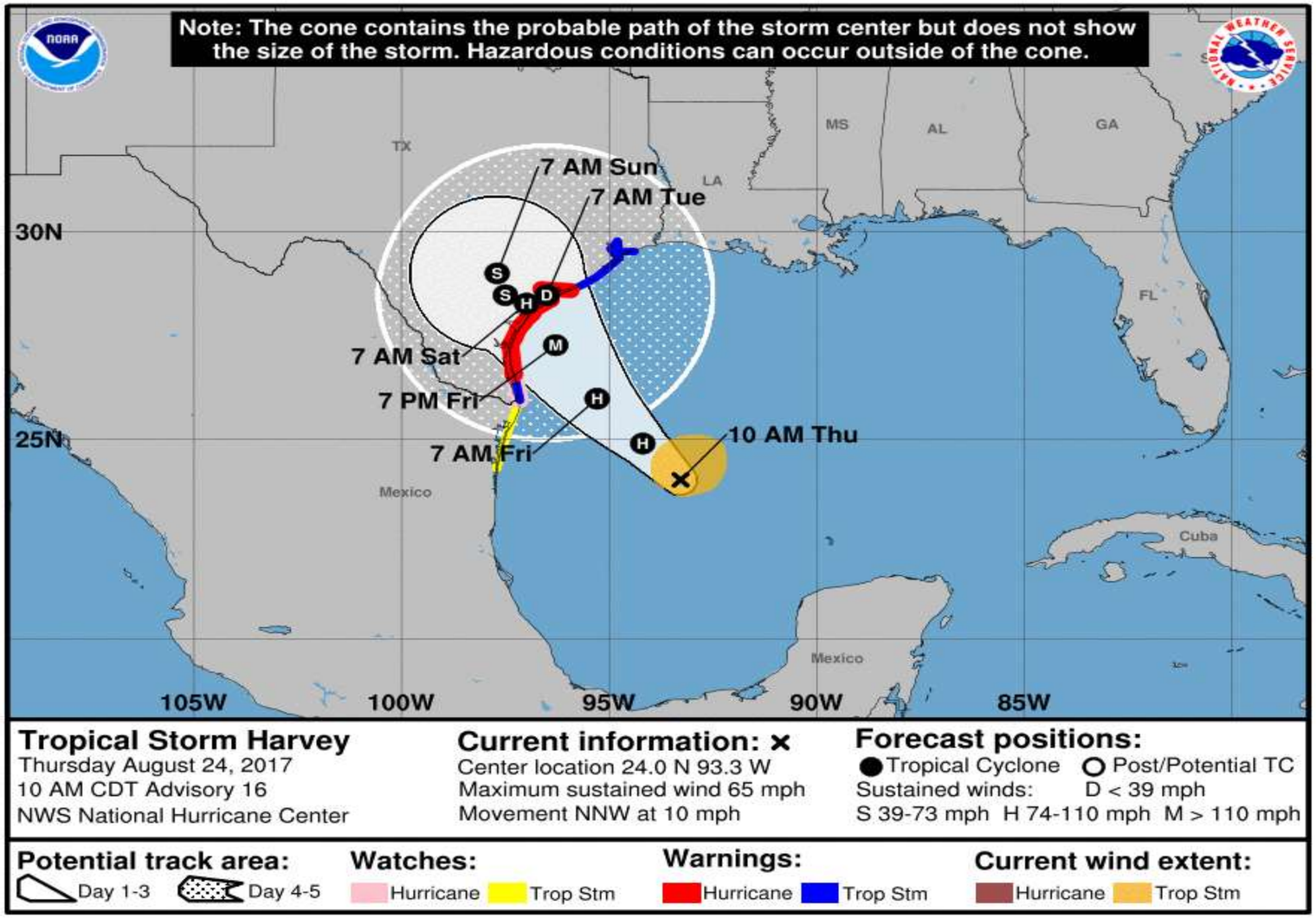
Situation Overview

Tropical Storm Harvey

SR ROC
REGIONAL OPERATIONS CENTER

Harvey is quickly strengthening and forecast to be a major hurricane when it approaches the middle Texas coast

Life threatening storm surge and freshwater flooding expected



Threat Levels

Tropical Storm Harvey

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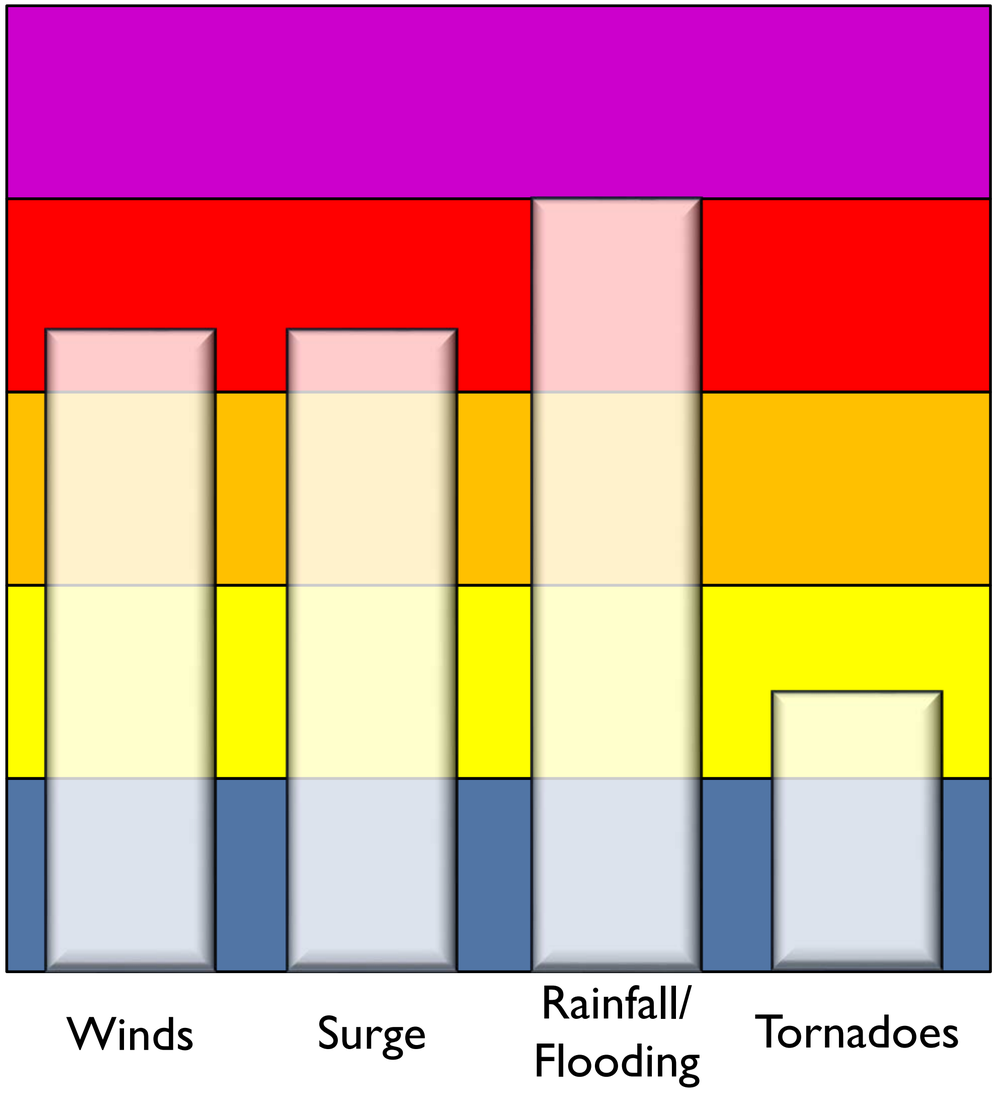
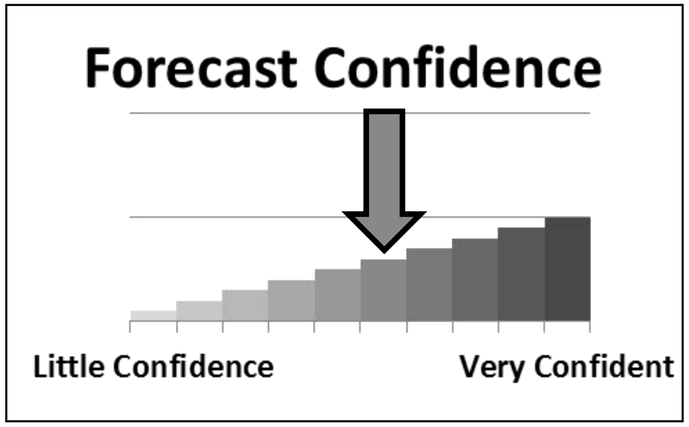


Threat Level

- Extreme
- High
- Moderate
- Low
- None



Current Satellite View

Tropical Storm Harvey

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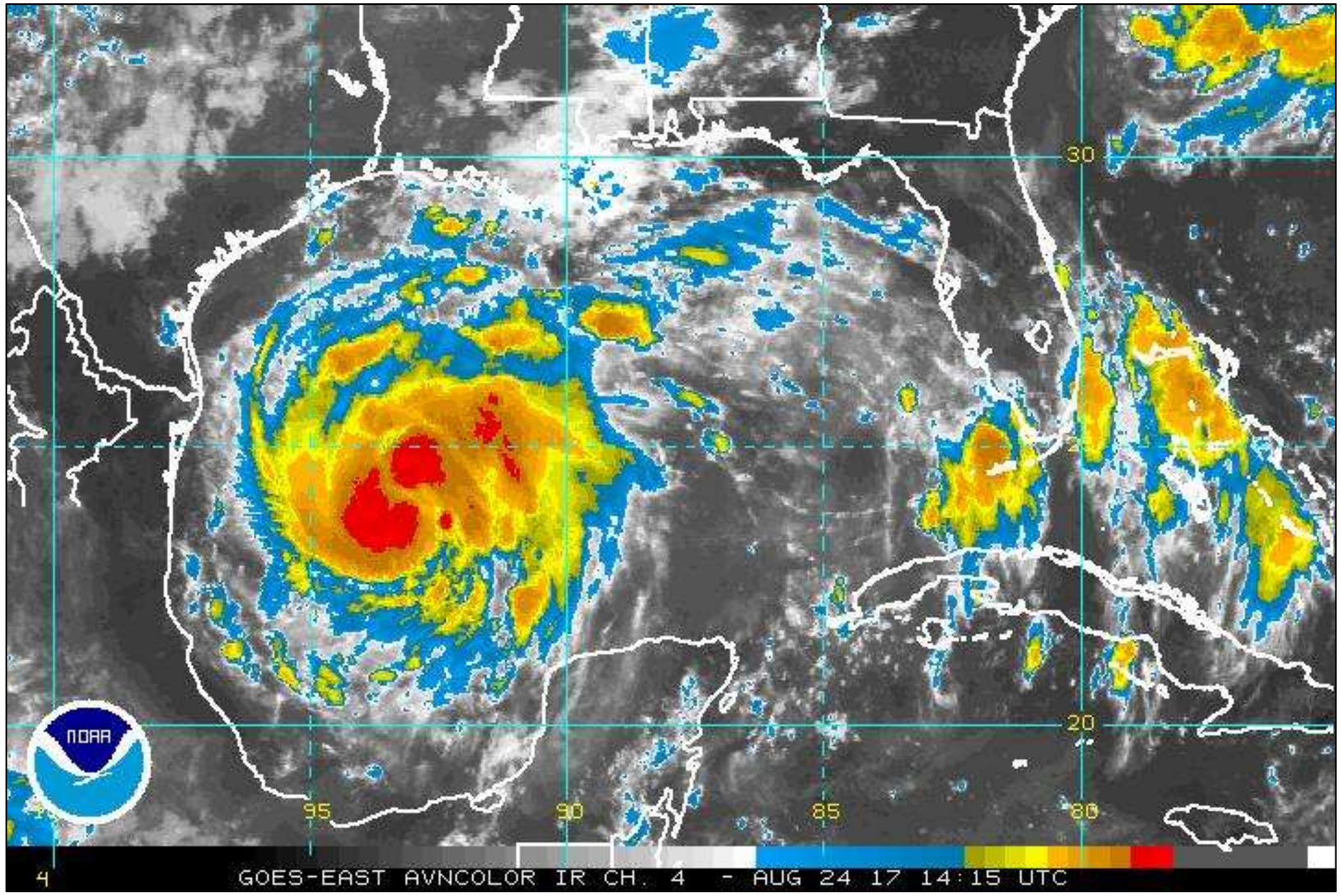

Wind Speed Probabilities

Tropical Storm Harvey

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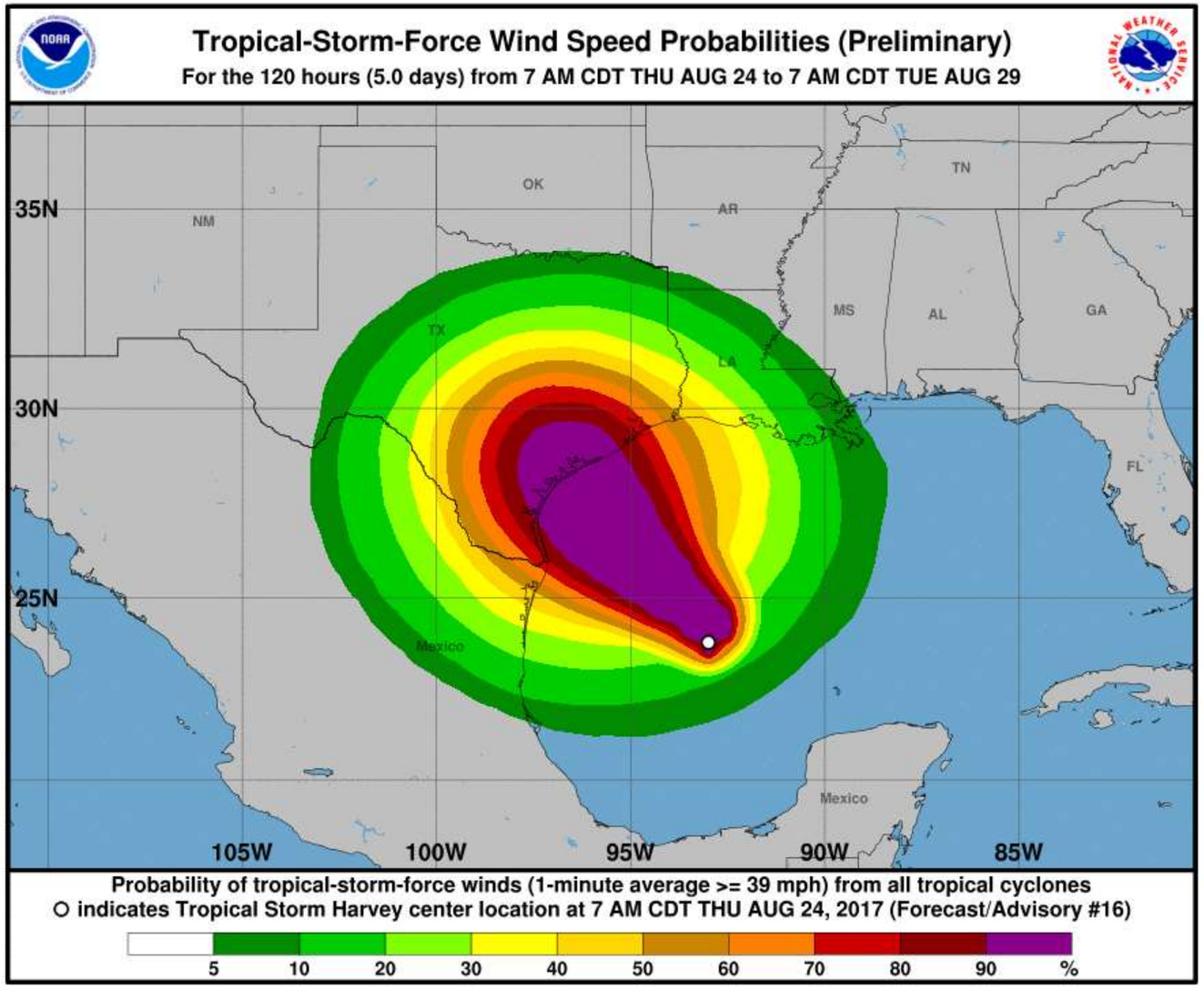

Increasing confidence of at least Tropical Storm force winds impacting the middle Texas Coast

Note the large area where points have equal probabilties – there is still uncertainty with the exact track of this system

The most likely time of arrival of Tropical Storm Force Winds is late morning Friday

Wind Speed Probabilities

Tropical Storm Harvey

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Chances that locations along the middle Texas coast will see hurricane force winds have increased significantly

Storm Surge Watch/Warning

Tropical Storm Harvey

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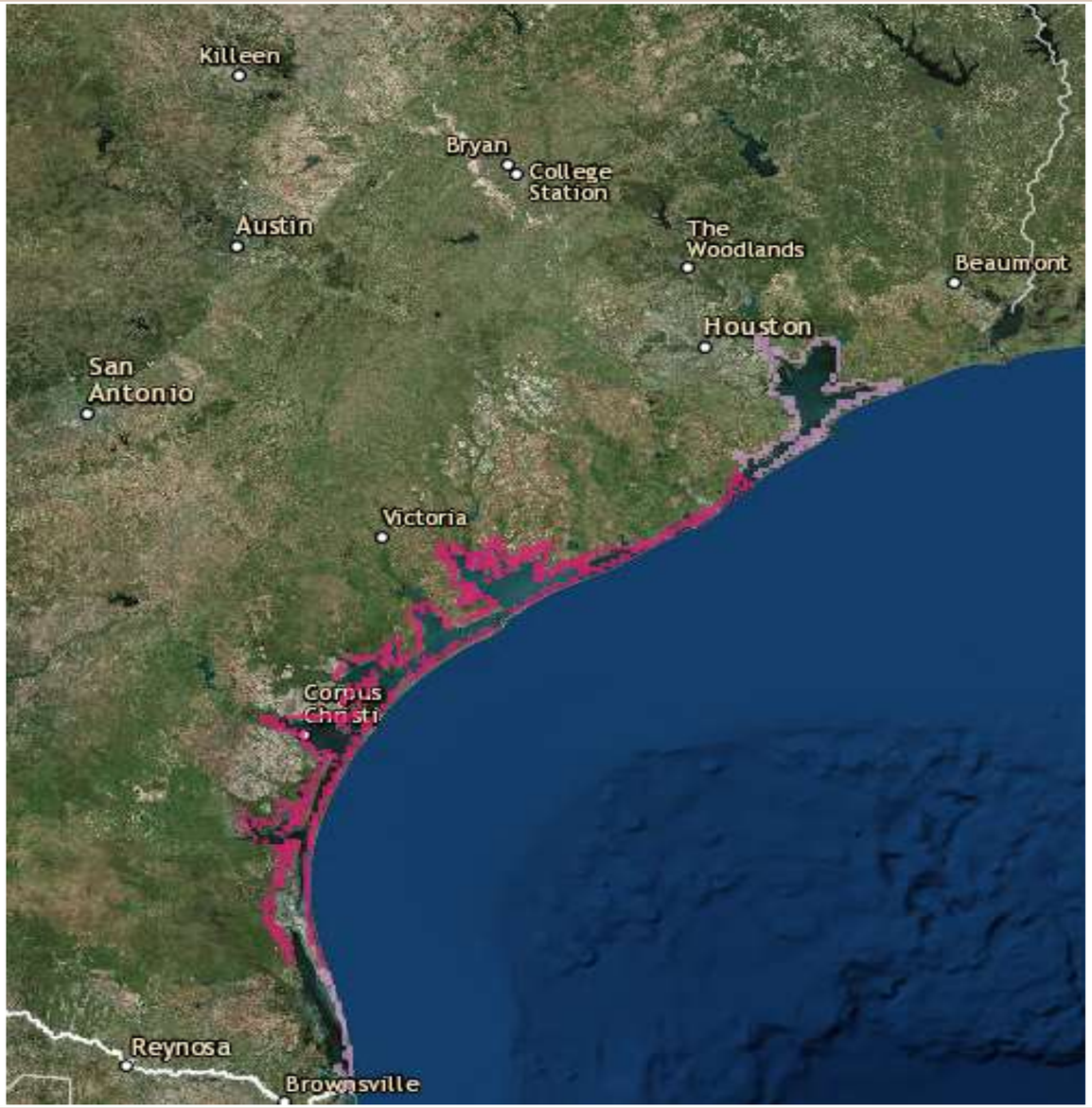

- **Storm Surge Warning** for Port Mansfield to San Luis Pass
- **Storm Surge Warning** there is a danger of *life threatening* surge conditions
- Storm Surge Watch for south of Port Mansfield to Rio Grande
- Storm Surge Watch north of San Luis Pass to High Island Texas
- Timing: Water rises late tonight with surge impacts beginning Friday morning and continuing through the day

Storm Surge Inundation

Tropical Storm Harvey

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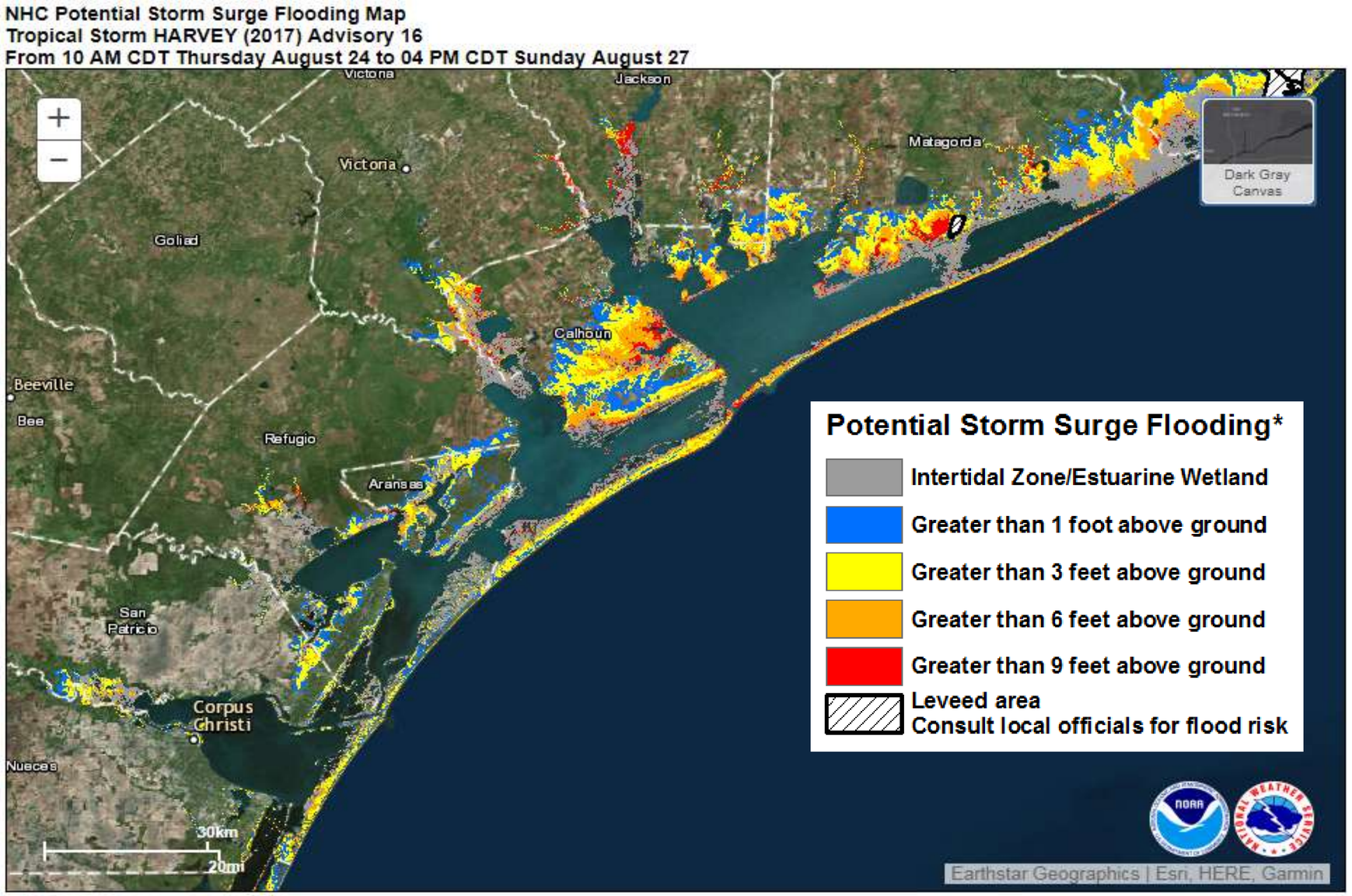

- Storm Surge Levels of **6-10 feet** above the ground are forecast from Padre Island to Sargent
- 5-7 feet is forecast areas outside this region
- Key areas of concern are the bay areas (San Antonio, Port Lavaca, Port Aransas etc.)

Potential Storm Surge

Tropical Storm Harvey

Corpus Christi
WEATHER FORECAST OFFICE

- Key locations that could flood with 6-10 foot storm surge above ground level:
  - Parts of Port Aransas inundated 4 to 6 feet deep.
  - Low spots along Park Road 22 and Highway 361 on Mustang Island 4 to 6 feet deep.
  - Low spots on Highway 181 between North Beach and Portland including portions of North Beach 4 to 6 feet deep.
  - Waterfront property along: Indianola, Port O'Connor, Fulton, Rockport and Aransas Pass 4 to 6 feet deep.

Expected Storm Total Rainfall

Tropical Storm Harvey

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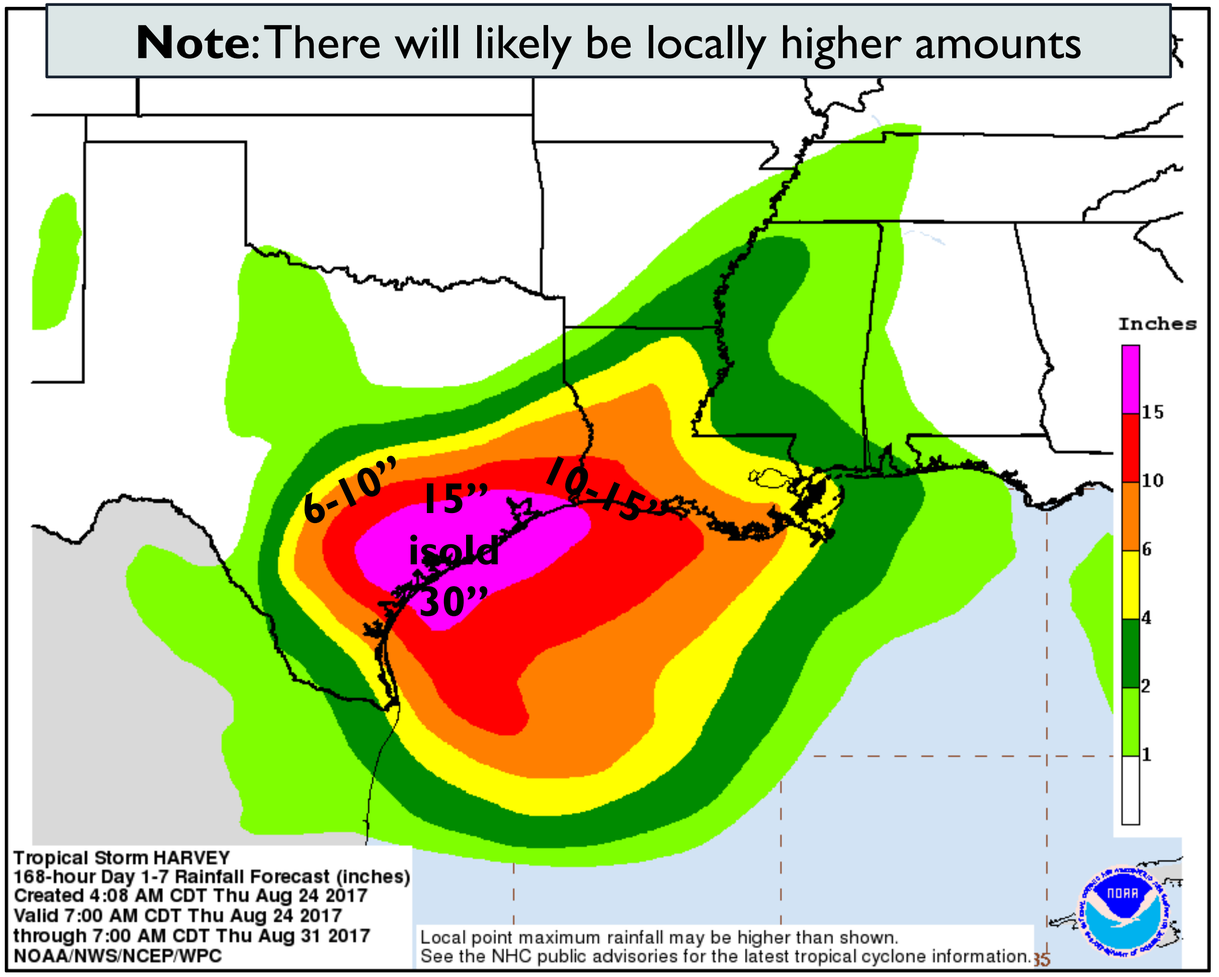
- Storm total rainfall forecast valid Thursday morning through Thursday morning
  - Locally, most rain will occur Friday into the weekend



Excessive Rainfall Outlook

Tropical Storm Harvey

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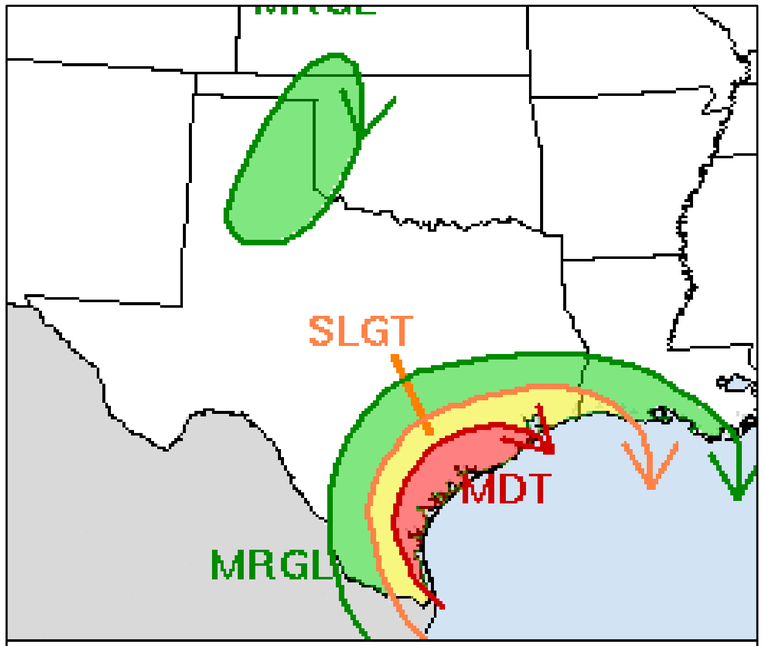
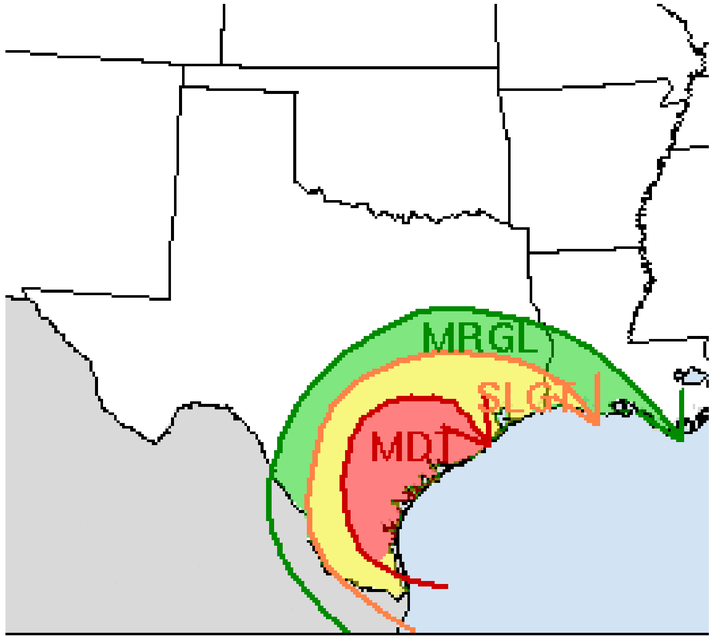


Excessive Rainfall Outlook Valid Friday



Excessive Rainfall Outlook Valid Saturday

- Areas outlined in red have a significant flash flood potential
- This potential will continue through Sunday and possibly last into early next week

Flash Flood Watches

Tropical Storm Harvey

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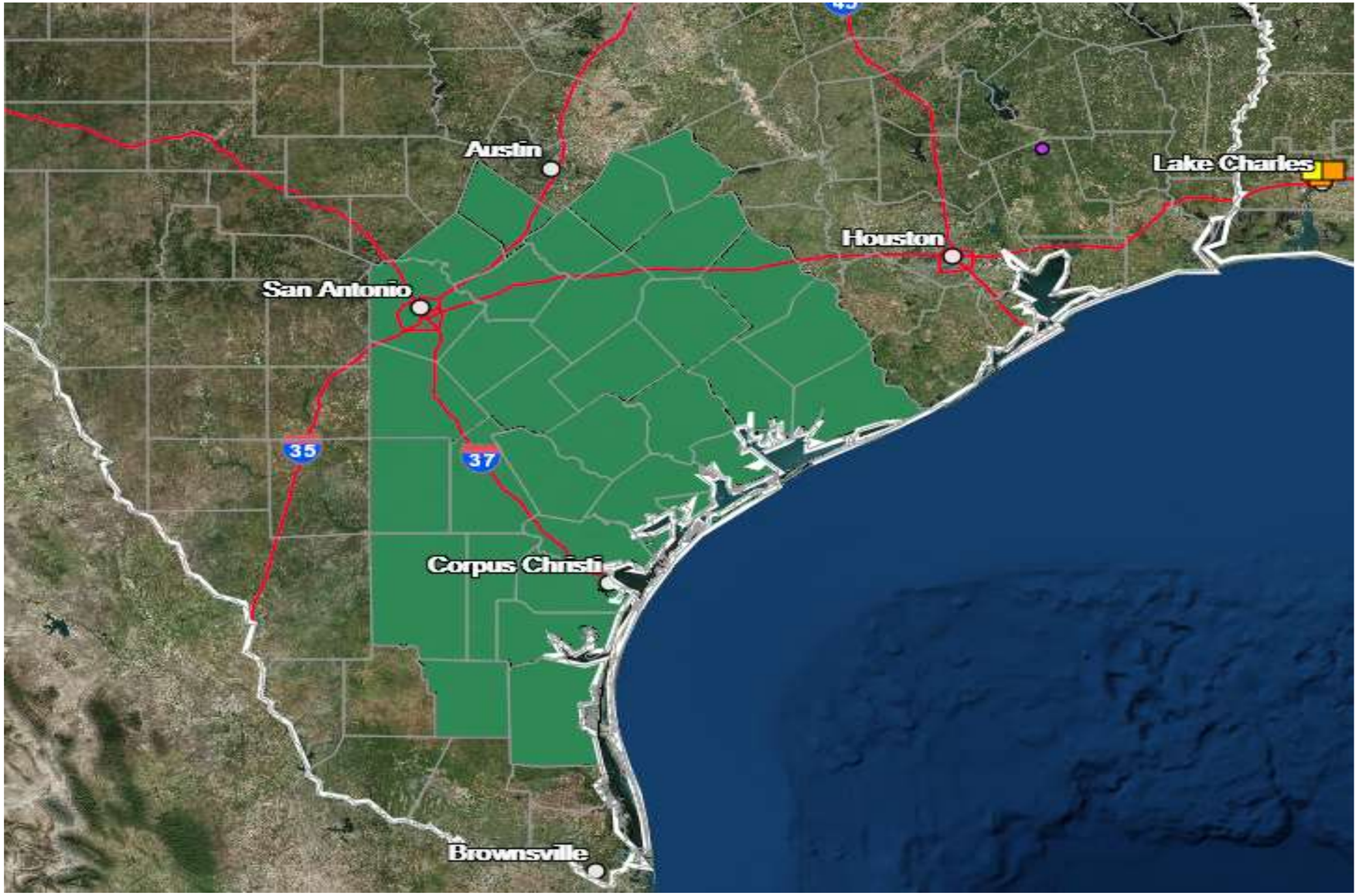

- **Life Threatening Flash Flooding Expected beginning Friday**
- Rainfall intensity in tropical systems promotes rapid flash flood development
- Small creeks and tributaries will not be able to hold rainfall and will spill out of banks quickly

Potential River Flooding

Tropical Storm Harvey

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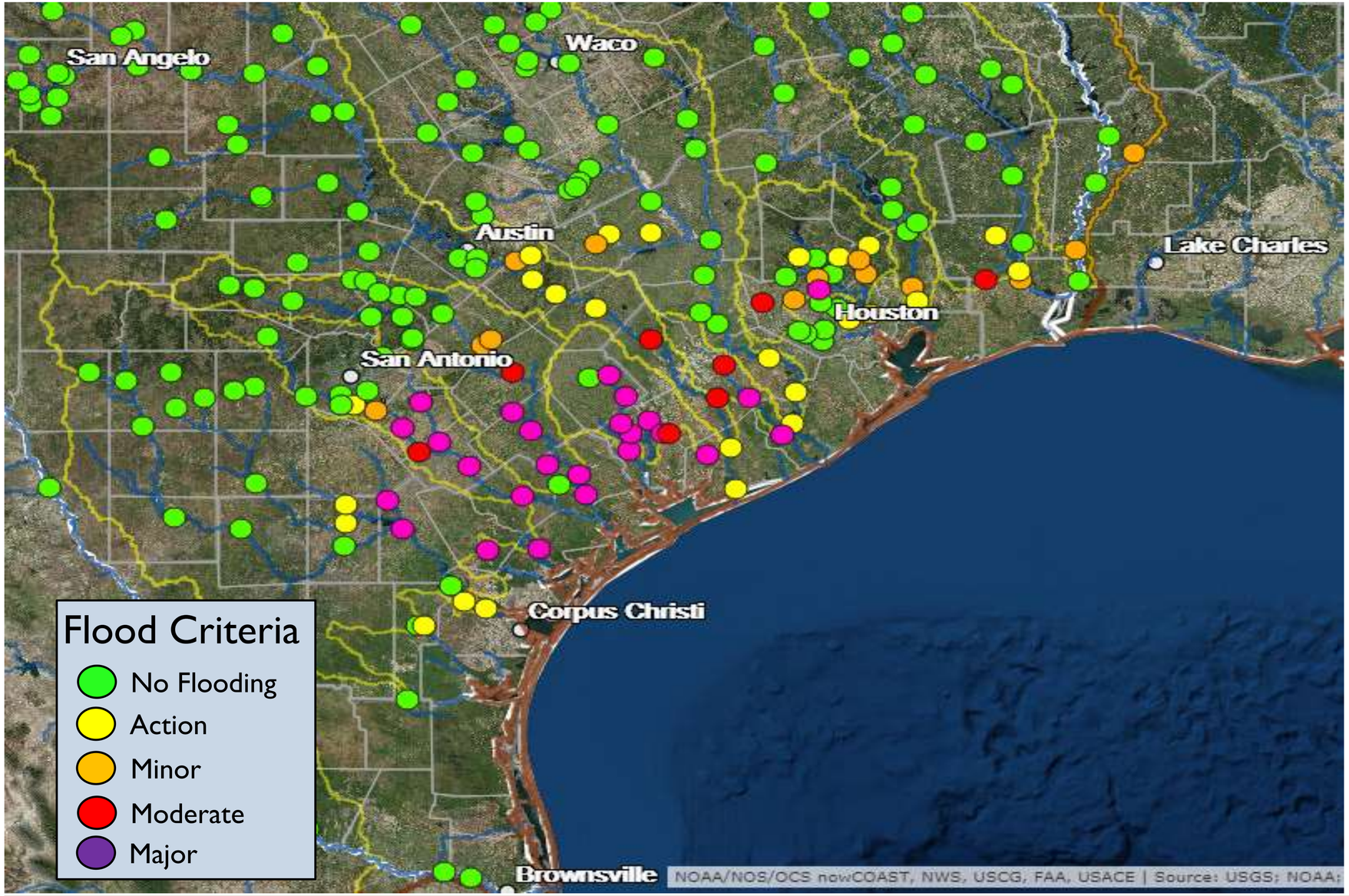

- **Purple Points** represent points that with current rainfall will reach MAJOR or RECORD flooding
- Record flooding means that the impacts are *unknown* and beyond anything experienced
- **Devastating flooding potential with this storm**

Tornado Potential

Tropical Storm Harvey

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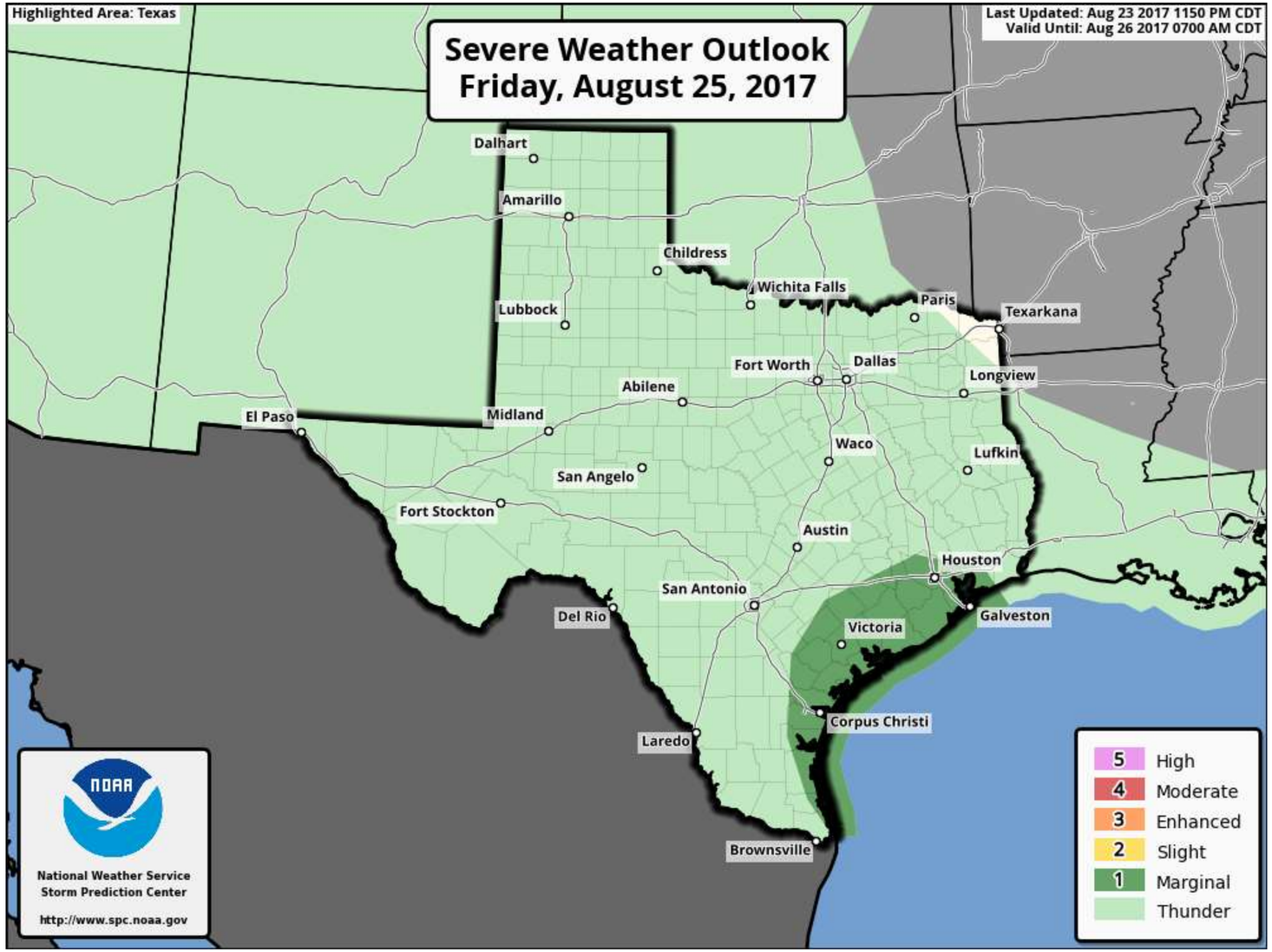

- Main threat of tornadoes would be from Friday into Saturday

Summary

Tropical Storm Harvey

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REGIONAL OPERATIONS CENTER

- Harvey is undergoing rapid intensification
  - Expected to become a Major (Category 3) Hurricane with 115mph winds with gusts to 138mph as it approaches the TX Coast on Friday evening

- Once Harvey makes landfall, it is expected to stall inland from the middle Texas Coast for possibly several days

- **Life threatening storm surge and devastating flooding expected**

TROPICAL STORM HARVEY BRIEFING

The Next Briefing Will Be:
Friday at Noon CDT

You can get the latest graphics and information on this storm at www.hurricanes.gov